CLAIMS

Claims 1-61 (Canceled)

62. (New) A method of constructing a transportable building, comprising the step of:

(a) providing a foundation at a building site;

(b) producing at least one service module of a frame construction in a factory located away from the building site, the service module being rectangular in shape and assembled with at least a floor, at least three walls and a top roof or ceiling plate, and having dimensions corresponding to a vehicle transportable, the at least one service module having a height which substantially corresponds to half of a length thereof, the service module being outfitted with installations ready for connection to building services,;

(c) producing a plurality of stackable horizontal floor and roof segments of a frame construction in a factory away from the building site, each horizontal segment having a width substantially corresponding to the height of the service module and a length substantially corresponding to the length of the service module, the horizontal segments being connectable endwise with the floor or roof plate of the at least one service module and being contiguous therewith for extending the floor or roof therefrom

(d) producing a plurality of vertical wall segment of a frame construction, stackable with the horizontal segments, in a factory located away from the building site, each vertical wall segment having a height substantially corresponding to the height of the service module and a length substantially corresponding to the length of the service module, the vertical wall segments being connectable to the horizontal floor and roof segments;

(d) transporting the at least one service module, the plurality of horizontal floor and roof segments and the plurality of vertical wall segment to the building

site by means of a vehicle appropriate for container transportation;

(e) placing the at least one service module on the foundation of the building;

(f) placing the plurality of horizontal floor segments on the foundation of the building and connecting the horizontal floor segments with the floor of the at least one service module;

(g) attaching the plurality of vertical wall segments to the horizontal floor segments; and

(h) attaching the horizontal roof segments to the vertical wall segments and to the top roof plate of the service module, such that a complete transportable building is assembled on site.

63. (New) The method as claimed in claim 62, further comprising providing at least two service modules, and, after step (e), connecting the service modules in an end to end aligned relation such that the floors and roofs of each service module are on the same level, respectively.

64. (New) The method as claimed in claim 62, wherein said service module walls and the vertical wall segments are produced with predetermined door and window openings.

65. (New) The method as claimed in claim 62, further comprising step (I), connecting additional structural elements to the assembled transportable building.

66. (New) The method as claimed in claim 62, further comprising stacking for transport the horizontal segments and vertical segments and temporarily connecting them together to form a block, the block having a length and a width corresponding to a length and a width of a standardized container for transport with the vehicle appropriate for container transportation.

67. (New) The method as claimed in claim 62, wherein the length and width of the service module correspond to a length and a width of a standardized container for transport with the vehicle appropriate for container transportation.

68. (New) A transportable modular building comprising:

at least one service module of a frame construction produced in a factory located away from the building site, the at least one service module assembled with at least a floor, walls and a top roof or ceiling plate, the service module being shaped to correspond to a shape of a transportable container, and being sized for enabling container transportation of the service module, the service module being outfitted for connection to building services, the at least one service module having a height which substantially corresponds to half of a length thereof;

a plurality of stackable horizontal floor and roof segments of a frame construction produced in a factory away from the building site, each horizontal segment having a width substantially corresponding to the height of the service module and a length substantially corresponding to the length of the service module, the horizontal floor and roof segments being connectable endwise respectively with the floor and top roof plate of the at least one service module, and with each other, and being contiguous therewith for extending the floor and roof therefrom;

a plurality of vertical wall segments of a frame construction, and being stackable with the horizontal segments, produced in a factory located away from the building site, each vertical wall segment having a height substantially corresponding to the height of the service module and a length substantially corresponding to the length of the service module, each vertical wall segment being attachable to the horizontal floor segments for providing a wall in the transportable building;

the plurality of horizontal roof segments being attachable to the plurality of vertical wall segments and to the service module for providing a roof for the

transportable building, and,

wherein the horizontal floor segments, horizontal roof segments and vertical wall segments are stackable for transport, being temporarily connectable together to form a block having a length and a width corresponding to a length and a width of a standardized container.

69. (New) The modular building as claimed in claim 68, wherein the horizontal floor and roof segments are attached perpendicularly to a longitudinal axis of the service module.

70. (New) The modular building as claimed in claim 68, further comprising vertical assembly posts of a square cross-section and having a width substantially corresponding to a thickness of the vertical segments being placed between neighboring vertical segments.

71. (New) The modular building as claimed in claim 68, wherein the horizontal and vertical segments are of the same construction.

72. (New) The modular building as claimed in claim 68, wherein the horizontal floor and roof segments and the vertical segments are of the same dimensions.

73. (New) The modular building as claimed in claim 68, further comprising at least two service modules which are assembleable to each other in an end to end aligned relation, having floors and top roof or ceiling plates at common levels.

74. (New) The modular building as claimed in claim 68, wherein the building is assembled from two service modules connected in an end to end aligned relation with each other, eight horizontal floor segments connected to floors

thereof, eight horizontal roof segments connected to roofs thereof, and eight vertical wall segments attached between the horizontal floor and roof segments.

75. (New) The modular building as claimed in claim 74, further comprising a plurality of vertical assembly posts of a square cross-section and having a width substantially corresponding to a thickness of a vertical wall segment, placed between neighboring vertical wall segments.